APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Acker, L. and Diemair, W.
ABOUT THE DETERMINATION OF THE EGG CONTENT OF EGG-DOUGH PRODUCTS. [1963] 15p. 20 refs.
Order from SLA $1.60 63-16497

Trans. of Zeitschrift für Lebensmittel- Untersuchung und -Forschung (West Germany) 1957, v. 105, no. 6, p. 437-445.

DESCRIPTORS: *Eggs, *Bakery products, Food, Chemical analysis.

The various methods for the determination of egg content in egg dough products were critically checked with egg dough products of known egg contents. The Radorn and Jungkunz method proved most adequate. With the Riffart and Keller process, too low results are sometimes obtained for no obvious reason. The total lipoid content (obtained with the alcohol-benzene-extraction
(Food, TT, v. 10, no. 8) (over)

63-16497

I. Acker, L.
II. Diemair, W.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

DA (TD 3 weeks) (FTD-T-68-13) R-9431-D
14 May 68

Über die Bestimmung des Schalenanteils in Kakaoerzeugnissen
By: BREDEROOK, H. van and C. J. REESKAMP
From: Zeitschrift fur Lebensmittel Untersuchung und Forschung 105:461-73, 1957 (13 pp)

German - est fmr wds:

Please translate and type 1 copy, double-spaced.
No paste-up needed.

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

On the Ripening of Raw Sausage, II. Bacterial Strains Isolated From Raw Sausage and Their Importance in the Ripening Progress, by F. P. Niinivaara, M. S. Pohja, 5 p.

GERMAN, partial trans, per, Zeit fur Lebensmittel-Unterpuchung und-Forschung, 1957, Vol CVI, No 3, pp 187-196.

SLA 59-20297

Sci
Mar 60
Vol 2, No 11

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Hanson, Ernst Georg.
FLUORESCENCE MICROSCOPIC METHOD FOR OBSERVATION OF GLUTEN FORMATION IN CEREAL FLOUR DOUGHS. [1963] [8]p. 1 ref.
Order from SLA $1.10 63-16298

Trans. of Z[eitschrift] für Lebensmitte;-Untersuchung und Forschung (West Germany) 1957, v. 106, no. 3 p. 196-200.

DESCRIPTORS: *Fluorescence, *Microscopy, Cereals, Flour, *Bakery products, *Gluten.

It was determined that thiazole yellow is suitable for the effective color development of cereal protein. With the add of this color substance, it is possible to show the morphological changes which the cereal protein suffers during treatment of the dough (kneeding, and shaping). For each type of bakery goods, an
(Food, TT, v. 10, no. 7) (over)

63-16298

I. Hanson, E. G.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

The Water-Binding Capacity of Normal Tissues. III. The Effect of Neutral Salts, by R. Keene.

CHEMIE, per. Z. fuer Lebensmittel-Untersuchung und Forschung, Vol CVI, No 4, 1957, pp 281-297.

CSIRO 3853

Bel - Biol.
Sal 41

207,480

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Biochemistry of Salting Meat, by R. Hamm.
GERMAN, per, Zeit Lebensmitt und Forsch,
Vol 107, No 1, 1958, pp 1-15.
NRC 7692

Sci-B&M
Dec 69

398,203

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Determination in Diphenyl in Citrus Fruit,
by H. Boehme.

GERMAN, per. Z fuer Lebensmitteluntersuchung
und Forschung, No 4, 1957, pp 311-318.

GB/96

Sci-Biol & Med Sci
May 63

229,882

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Bacteriostatic (inhibitory) Action of Honey,
by B. Warnecke, H. Duisberg,

GERMANY, per, Zeit fur Lebensmittel-Untersuchung und -Forschung, Vol CVII, No 4, pp 340-344. 1958,

C.S.I.R.O. 4529

Sci

115,600

May 60

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Hanssen, Ernstgeorg; Ihlenfeldt, Rosemarie, and Florian, Georg.
ABOUT THE MICROSCOPICAL DETECTION OF SPICES AND OTHER VEGETABLE ELEMENTS IN FOOD. [1963] 9p. (figs. refs. omitted).
Order from SLA $1.10 63-16297

Trans. of Zeitschrift fur Lebensmittel-Untersuchung und Forschung (West Germany) 1957, v. 105, no. 5, p. 361-371.

DESCRIPTORS: Microscopy, *Condiments, Food, *Microphotography, Determination.

The microscopic-histologic investigation is a means of detecting vegetable elements in food. However, it is necessary to prepare the material chemically prior to investigation. For this a method is described which is applicable to numerous foods, (Food, TT, v. 10, no. 7) (over)

63-16297

I. Hanssen, E.
II. Ihlenfeldt, R.
III. Florian, G.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Control of Heat Damage in Honey, by H. Duisberg, H. Gebelein,

GERMAN, per, Zeit fur Lebensmittel-Untersuchung Und-Forschung, Vol CVII, No 6, pp 489-501. 1958

C.S.I.R.O. 4530

Sci

May 60

115, 589

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Water Retention By Mammal Muscle. 4. Effect Of Neutral Salts In Thermal Denaturation by R. Hamm and R. Grau.

GERMAN, per, Zeitschrift Fur Iebensmittel-Untersuchung Und Forschung, Vol CVIII, No 1, 1958, pp 28-32.

CSIRO Tr 4225

Oct. 62

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Water Retention By Mammal Muscle. 5. Effect Of Salts Of Weak Acids by R. Hamm and R. Grau.

GERMAN, per, Zeitschrift Fur Lebensmittel-Untersuchung Und Forschung, Vol CVIII, No 3, 1958, pp 280-293

CSIRO Tr 4257

Oct. 62

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Colorimetric Methods for Determining Sorbic Acid, by H. J. Hardon, D. Visser.

GERMAN, per, Z. fuer Lebensmittel-Untersuchung und Forschung, Vol CXVIII, No 5, 1958, pp 397-402.

CSIRO

191, 135

Sci - Chem

Apr 62

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Nitrogen Balance of Meat During Natural and Artificial Maturing, by J. Schonmuller, G. Adler,

GERMAN, per, Zeitschrift fur Lebensmittel-Untersuchung und -Forschung, Vol CIX, No 1, pp 13-26. 1959,

C.S.I.R.O. 4452

Sci

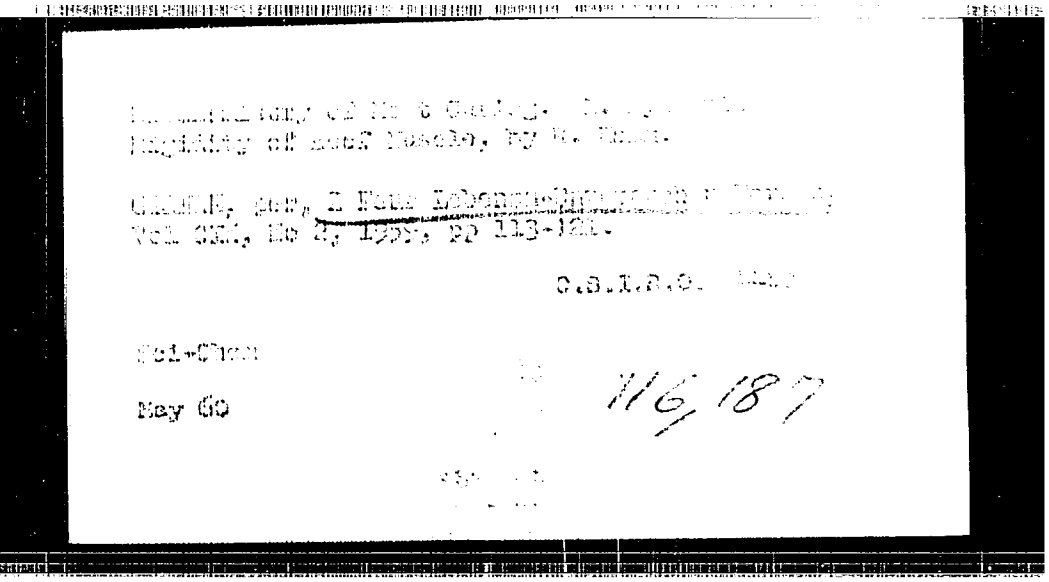
60-15977

Apr 60

115,337

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5



[illegible] of the U.S.S.R. [illegible]
Lighting of coal Mines, by V. [illegible].

Ugol', pp. 2 Plate Bibliographical [illegible]
Vol 33/1, No 2, 1958, pp 113-121.

C.S.I.R.O. [illegible]

Tel-Chem

May 60

116,187

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

The Biochemistry of the Maturing of Meat. 2. Protein Charge and Muscle Hydration, by R. Hamm.

GERMAN, per, Z feur Lebensm-Untersuch u -Forsch, Vol CIX, No 3, 1959, pp 227-234.

C.S.I.R.O. 4536

Sci-Chem

May 60

116,185

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

J. Schormueller

The Composition of the "Tear Fluid" of Emmenthaler Cheese.
GERMAN, per, Zeitschrift fuer Lebensmittel-Untersuchung und - Forschung, Vol 112, 1960, pp 364-375
NTC 72-12783-06H

sept 72

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Stabilization of Vitamin C in Foods. Part I. by
P. Spanyar, E. Kevey.
GERMAN, per, Zeit fuer Lebensmitteluntersuchung
und Forschung, Vol 120, No 1, 1963, pp1-17.
NRC-69-12969-0GH

Sci-B&M
Sept 69

391,113

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Chemical and Physical Changes in the Heating of Meat. Part I. Effect of Heating in the Presence of Sodium Chloride on the Water-Retaining Capacity and ph-Value of Beef Muscle, by R. Hamm. GERMAN, per, Zeit fuer Lebensmittel-Untersuchung- und Forschung, vol. 117, 1962, pp. 20-23.
NTIC 71-11065-06H

August 71

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Chemical and Physical Changes in the Heating of Meat. Part II. Influence of Heating on the Binding of Magnesium, Calcium, and Phosphate in BEef Muscle, by R. Hamm.
GERMAN, Zeit fuer Lebensmittel-Untersuchung-und Forschung, vol. 117, 1962, pp. 113-121.
NTS 71-11066-06H

August 1971

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

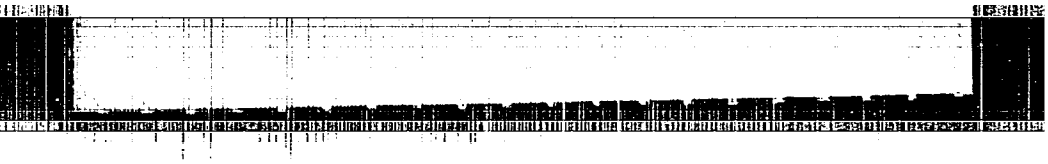
APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Preparation and analysis of natural aromatic substances, by W. Heimann.
GERMAN, per, Zeit fuer Lebensmittel-Untersuchung-und-Forschung, vol. 120, no. 4, 1963, pp. 273-277.
NTC 71-11198-07A

August 1971

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5



APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Some Remarks on Recursively Enumerable Sets, by V. A. Uspenskiy.

RUSSIAN/GERMAN, per. Z der Mathematischen Logik. Grundlagen der Mathematika, Vol III, 1957, pp 157-170.

Amer Math Soc

Sci-Math

Sep 63

344,215

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

[redacted]
by L. Liberman.
GERMANY, per. Z fur Vergl Konstitutionslehre,
Vol XXIII, 1938, pp [illegible].
*Navy/Nazi

Sci-II/M
Feb 45

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

The Smile as an Innate Facial Expression, by O. Koehler, 16 pp.

GERMAN, per, Zeitschrift fuer Menschliche Veranlagung und Konstitutionslehre, Vol XXXII, 1954, pp 390-398.

NIH 4-16-60 118,937

Sci - Medicine
Jun 60

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Malformations of the Spinal Column and Chorda Anlage (Experimental Teratogenic and Embryohistological Investigations in Rabbits), by K. H. Degenhardt, J. Klmdetsky, 76 pp.

GERMAN, per, Z Menschl Vererb u Konstitutionslehre, Vol XXXIII, 1955, pp 151-192.

NIH 8-36

Sci - Med
Sep 59

95,491

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

On the Question of the Heritability of Amyotrophic Lateral Sclerosis, by Walter F. Haberlandt, 13 pp.

Z. Menschl. Vererb.- u. Konstitutionslehre

GERMAN, per, Z Menschl Vererb - u Konstitutionslehre, Vol XXXIV, 1958, pp 523-530.

NIH 3-13

Sci - Med

Apr 59

85,449

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Superstructure and K-State in Permalloys,
by F. Pfeifer, I Pfeiffer.
GERMAN, per, Zeitschrift fuer Metallkunde,
vol 55, 1964, pp 398-405.
SLA TT-66-11005

332, 223

Sci
Jul 67

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

(NY-5572)

Automatic Control of Radiomotors, by Jiri Macku, 3 pp.

GERMAN, per, Z fuer Messen, Steuru, Regeln, Vol III, No 9, 1960, pp 395-398.

JPRS 7852

EEur - Germany

Econ

142,543

Mar 61

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

(OC-3525).

Hydraulic Installations Made of Interlinking Structural Elements, by G. F. Berg,

GERMAN, per, Automatisierung ~~Zeitschrift~~ fuer Messen, Steuern, Regeln, Vol IV, No 2, 1961, pp 51-54.

*JPRS

EEur - East Germany

Econ - Manufacturing, Hydraulic Installation

19 Apr 61

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

(DC-5827).

Use of Remote-Control Equipment in the Electric-Power Supply, by R. Herzig,

GERMAN, per, Automatisierung, Zeitschrift fuer Messen, Steuern, Regeln, Vol IV, No 2, 1961, pp 59-63.

*JPRS

EEur - East Germany

Econ - Industrial Development, Remote-Control, Equipment

19 Apr 61

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

(20 x 29).

Information on Measuring and Control Equipment,

GERMAN, per, (Automatisierung) ~~Zeitschrift~~ fuer Messen, Steuern, Regeln, Vol IV, No 2, 1961, pp 69-71, 73-75, 77-84.

*JPRS

EEur - East Germany

Econ - Manufacturing

19 Apr 61

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Pneumatic Elements for Guidance Control Technology, by H. Topfer, 12 pp.
GERMAN, per, Z. Messen, Steuern, Regeln,
Vol 5, No 6, 1962, pp 279-282.
PB113024G7
AEC SC Tr-67-0937

Sci-Elec & Elec Eng.
Sept 67

341,535

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Pneumatic Elements for Guidance Control Technology, by H. Topfer.
GERMAN, per, Zeitschrift fur Messen, Steuern, Regeln., Vol 5, No 6, 1962, pp 279-282.
[illegible]

Sci - Math
Jun 67

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Examination of Some Time-Optimal Control Systems of the 2nd Order, by U. Engmann, ~~XEX~~ 21 pp.

GERMAN, per, Zeitschrift Fuer Messen Steuern Regeln, No 7, 1962, pp 299-305. 9670305

FTD-TT-63-409

Sci - Phys

Oct 63

345,289

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Methods for the Automatic Optimization of Control Circuits, by R. Schaebitz, 21 pp.

GERMAN, per, Zeitschrift Fuer Messen Steuern Regeln, No 7, 1962, pp 311-317. 9670305

FTD-TT-63-409

Sci - Phys

Oct 63

345 291

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Combination of Methods to Prevent [illegible]
Biological Spoilage of in Foods, by
H. V. Schalhorn.

GERMAN, per, Z. fuer Lebensmittel-
Untersuchung und-Forschung, Vol CIX,
No 5, Mar 1959, pp 400-411.

CSIRO

Sci - Med
Dec 61

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Importance of Moisture for the Heat Inactivation of the Apyrase System of Musculature, by W. Hartmann, G. Nemitz.

GERMAN, per, Z. fuer Lebensmittel-Untersuchung und -Forschung, Vol CX, No 2, 1959, pp 109-114.

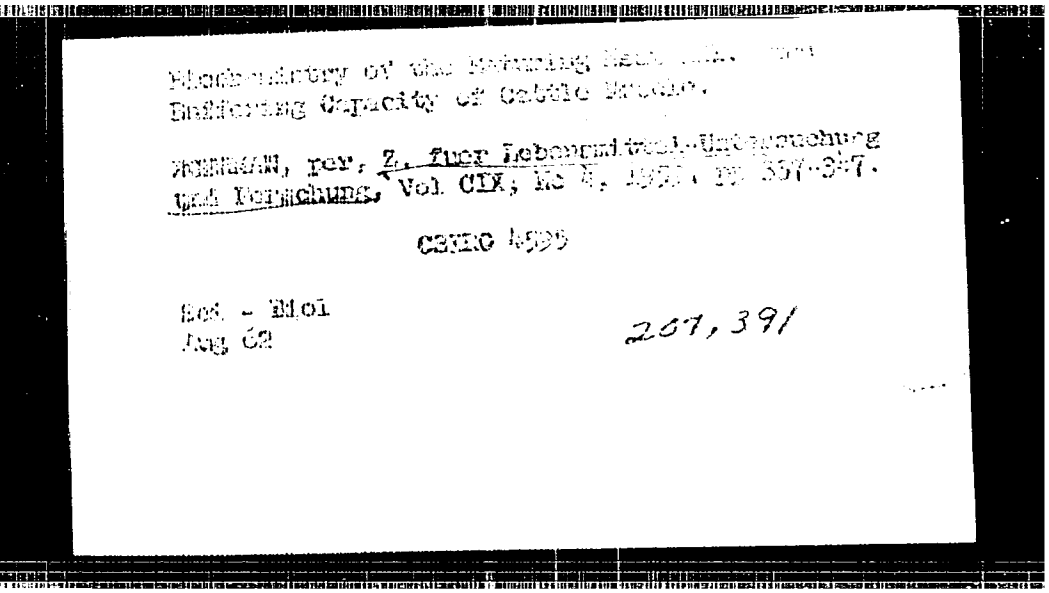
CSIRO 4775

Sci. - Biol
Jul 62

204,942

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5



Photometry of the Retinal Blood [illegible]
Buffering Capacity of Cubic Water.

KRAUSS, Per, Z. fuer Lebensmittel-Untersuchung
und Forschung, Vol CIX, No 5, 1958, pp 337-347.

CSYNC 4999

Ext - Biol
Aug 62

207,391

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Hubschen, L.
A NEW INSTRUMENT FOR MOISTURE DETERMINATION ACCORDING TO THE DISTILLATION METHOD. [1962] 6p.
Order from K-H $7.50 K-H 11363-b

Trans. of Z[eitschrift für] Lebensm[ittel]-Untersuch-[ung] u[nd] -Forsch[ung] (West Germany) 1960, v. 111, p. 371-373.

DESCRIPTORS: *Instrumentation, *Moisture, Moisture meters.

(Earth Sciences--Meteorology, TT, v. 8, no. 5)

62-17382

I. Hubschen, L.
II. K-H-11363-b
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

A New Method of Measuring Rigor Mortis,
by G. Nemitz.

GERMAN, per. Z. fuer Lebensm-Untersuch Und Forsch, Vol CXII, No 4, 1960, pp 261-272.

CSIRO 5316K

Sci - Med
Aug 62

211, 164

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Wrba, H. and Rabes, H.
THE TRANSFERENCE OF CARCINOMA RESISTANCE IN PARABIOSIS EXPERIMENTS (Zur Frage der Tumorresistenz- Übertragung im Parabioseversuch).
[1964] 7p 4refs
Order from SLA $1.10 TT-64-16076

Trans. of Zeitschrift für Krebsforschung (West Germany) 1960, v. 63, no. 3, p. 215-218.

(Biological Sciences--Pathology, TT, v. 12, no. 4)

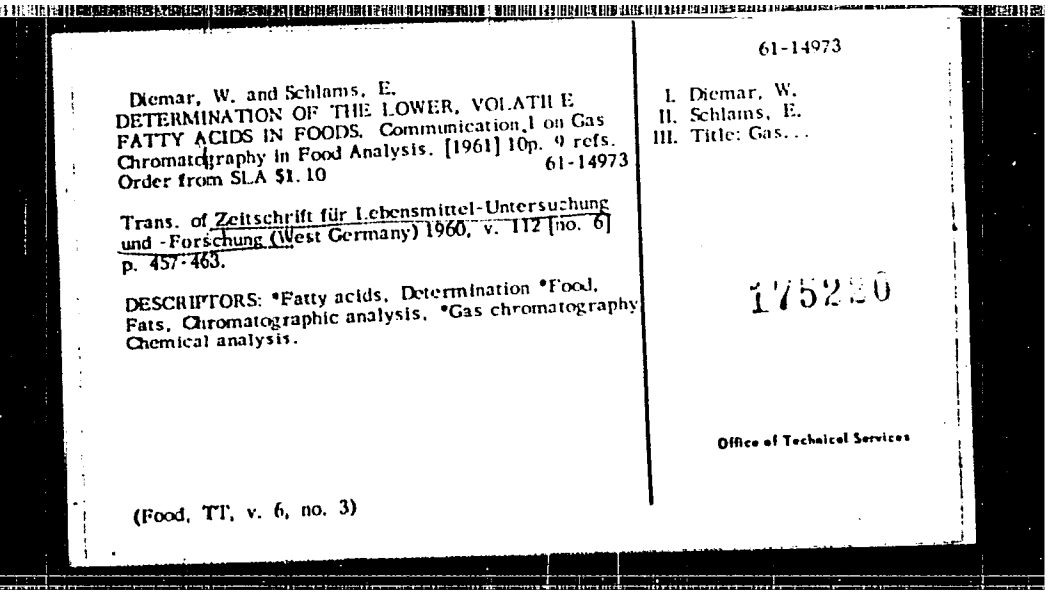
TT-64-16076

I. Wrba, H.
II. Rabes, H.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5



Diemar, W. and Schlams, E.
DETERMINATION OF THE LOWER, VOLATILE FATTY ACIDS IN FOODS. Communication I on Gas Chromatography in Food Analysis. [1961] 10p. 9 refs. 61-14973
Order from SLA $1.10

Trans. of Zeitschrift für Lebensmittel-Untersuchung und -Forschung (West Germany) 1960, v. 112 [no. 6] p. 457-463.

DESCRIPTORS: *Fatty acids, Determination *Food, Fats, Chromatographic analysis, *Gas chromatography Chemical analysis.

(Food, TT, v. 6, no. 3)

61-14973

I. Diemar, W.
II. Schlams, E.
III. Title: Gas...

175220

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Cieleszky, V. and Nagy, F.
DETECTION OF ANTIOXIDANTS IN DIFFERENT VARIETIES OF POLYETHYLENE. [1962] [11]p. 11 refs.
Order from SLA $1.60 62-14290

Trans. of Z[eitschrift für] Lebensmittel-Untersuch[ung] u[nd] -Forsch[ung] (West Germany) 1961, v. 114, p. 13-18.

DESCRIPTORS: *Antioxidants, Detection, *Polymers, *Ethylenes, *Plastics, Plastics industry, Permanganates, Ultraviolet spectroscopy, Absorption spectra

To be able to evaluate polyethylene varieties from the point of view of food hygiene, a procedure was necessary with which polyethylene containing anticoxidants can be differentiated from those free of anticoxidant. The detection of the $KMnO_4$ consumption is unsuitable for this purpose. Also the ether extract residues give no infor-
(Materials--Plastics, TT, v. 8, no. 6) (over)

62-14290

I. Cieleszky, V.
II. Nagy, F.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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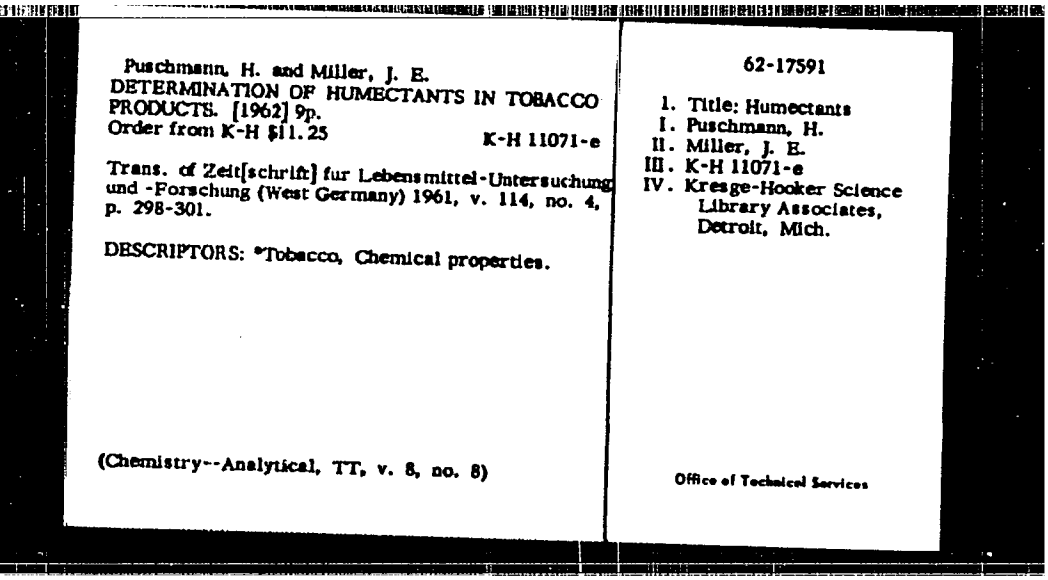

Puschmann, H. and Miller, J. E.
DETERMINATION OF HUMECTANTS IN TOBACCO PRODUCTS. [1962] 9p.
Order from K-H $11.25 K-H 11071-e

Trans. of Zeit[schrift] fur Lebensmittel-Untersuchung und -Forschung (West Germany) 1961, v. 114, no. 4, p. 298-301.

DESCRIPTORS: *Tobacco, Chemical properties.

(Chemistry--Analytical, TT, v. 8, no. 8)

62-17591

I. Title: Humectants
I. Puschmann, H.
II. Miller, J. E.
III. K-H 11071-e
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

The Calcium Binding Capacity of Peptide Fractions of Enzymatic Casein Hydrolysates, by J. Schormuller, R. Fresenius, 20 pp.

GERMAN, per, Z fur Lebensmittel Untersuchung und Forschung, Vol CXIV, No 5, 1961, pp 397-406.

NSCC C-3736

Sci
Mar 62
Vol VII, No 3

188,108

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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Joppien, P. H.
IDENTIFICATION AND DETERMINATION OF VANILLIN IN FOODS. [1962] 16p.
Order from K-H $20.00 K-H 11499 d

Trans. of Z[eitschrift für] Lebensmittel-Untersuch[ung] u[nd] Forsch[ung] (West Germany) 1961, v. 115, no. 1, p. 20-26.

DESCRIPTORS: Determination, Indentification, *Food

(Food, TT, v. 8, no. 7)

62-17389
63-11601

1. Title: Vanillin
I. Joppien, P. H.
II. K-H-11499-d
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Rehm, H[ans-J[ürgen], Wittmann, H., and Stahl, U.
THE ANTIMICROBIAL SPECTRUM OF COMBINATIONS OF PRESERVATIVES. Pt. 6 of Investigation of the Action of Preservative Combinations. [1962] 23p. 19 refs.
Order from O.T.S. $2.60 62-18846

Trans. of Z[eitschrift für] Lebensm[ittel]-Untersuchung u[nd] Forschl[ung] (West Germany) 1961, v. 115, no. 3, p. 244-252.

DESCRIPTORS: *Food, *Preservation, Inhibition, Bacteria, Mold, *Absorption spectra, Sorbic acid, *Chemotherapeutic agents.

(Food, TT, v. 9, no. 7)

62-18846

I. Rehm, H.-J.
II. Wittmann, H.
III. Stahl, U.
IV. Title: Investigation...

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Rehm, Hans-Jürgen.
LIMITING INHIBITORY CONCENTRATIONS OF THE PERMITTED PRESERVATIVES AGAINST MICRO-ORGANISMS. [1962] 17p. 144 refs.
Order from SLA $1.60 62-10903

Trans. of Z[eitschrift für] Lebensm[ittel]-Untersuch-[ung] u[nd]-Forsch[ung] (West Germany) 1961, v. 115, no. 4, p. 293-309.

DESCRIPTORS: *Food, Storage, Inhibition, *Micro-organisms, *Additives, *Preservation, Standards.

From a large number of the values, which were taken from the literature or determined experimentally, were compiled in tabular form the antimicrobial spectra of the preservatives permitted in Germany: sorbic acid, formic acid, benzoic acid, ethyl and propyl ester of p-hydroxy benzoic acid. The results obtained in the laboratory experiment of the antimi-
(Food, TT, v. 8, no. 7) (over)

62-10903

I. Rehm, H.-J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Correlations Between Destruction of Micro-Organisms and Inactivation of Enzymes Under Heat Treatment, by M. Lubieniecka-Schelhorn. GERMAN, per, Z fuer Lebensmittel-Untersuchungen Und-Forschung, Vol CXVI, No 4, 1962, pp 349-360. CSIRO/No 6517

Sci - Chem
Apr 64

253,330

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Heide, R. F. v. d. and Wouters, O.
DETERMINATION OF ANTIOXIDANTS IN POLYETHYLENE BY MEANS OF THIN-LAYER-CHROMATOGRAPHY. [1963] 6p 6refs
Order from SLA $1.10 TT-63-20964

Trans. of Zeitschrift für Lebensmittel-Untersuchung und-Forschung (West Germany) 1962, v. 117, p. 129-131. (Abstract available)

DESCRIPTORS: *Containers, *Plastic films, *Polyethylene plastics, Additives, *Antioxidants, *Chromatographic analysis,

A method is given according to which antioxidants existing in polyethylene can be conveniently identified and determined. All stabilizers are included, except DLTP, for which no suitable spraying liquid has been found, up to the present time. For a determination, one needs 2 grams of the polymerizate. Components and polymers of low molecular weight have no influ-
(Chemistry--Analytical, TT, v. 11, no. 6) (over)

TT-63-20964

I. Heide, R. F. v.d.
II. Wouters, O.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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Chemical and Physical Changes When Meat is Heated, by R. Hamm, H. Iwata.
GERMAN, per, Zeitschrift fur Lebensmittel-Untersuchung und Forschung, Vol. 117, No. 1, 1962, pp 20-23-Vol. 117, No. 2, 1962, pp 113-121.
CSIRO/No. 6036

Sci -
Aug 67

335
~~356~~-316

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Proteins of the Egg Yolk, by H. D. Belitz. GERMAN, per, Z. Lebensmittel -Untersuchung u. Forschung, Vol 119, No 14, 1963, pp 201-209.
NZDIA

Sci -
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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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Preparation and Analysis of Natural Aromatic Substances, by W. Heimann, K Strackenbrock. GERMAN, per, Zeitschrift fur Lebensmitteluntersuch- und-Forschung, Vol. 120, No. 4, 1963, pp 273-277
CSIRO/No.7057

Sci
Aug 67 335-691

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Rehm, H. -J[ürgen].
THE INFLUENCE OF CHEMICAL COMPOUNDS ON THE ANTIMICROBIAL ACTION OF PRESERVATIVES. PT. I. INFLUENCE OF VARIOUS GROUPS OF SUBSTANCES ON THE ACTION OF PRESERVATIVES AGAINST ASPERGILLUS NIGER, [1963] 18p. 34 refs. Order from SLA $1.60 63-18041.

Trans. of Z[eitschrift für] Lebensmittel-Untersuchung und -Forschung (West Germany) 1963, v. 118, no. 6, p. 508-522.

DESCRIPTORS: *Preservation, Food, Fungi, *Phycomycetes, Sodium compounds, *Chlorides, *Calcium compounds, Benzoic acids, Sorbic acid, Formates, Esters, Ethyl radicals, Amino acids, Fatty acids, Fats, Vitamins, *Organic acids, Alkali metal compounds, *Geomicides.
(Food, TT, v. 10, no. 9) (over)

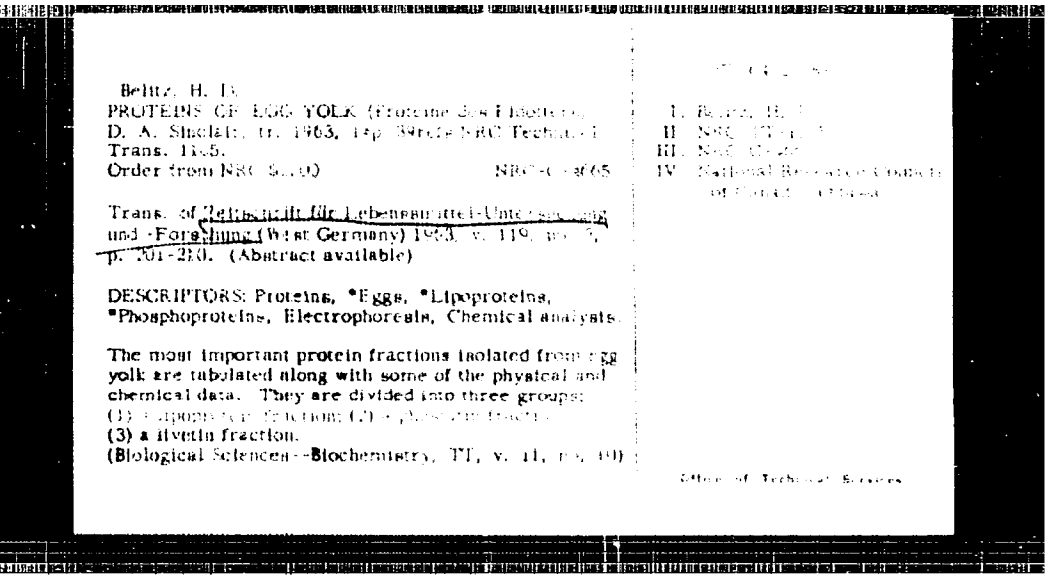
63-18041

I. Rehm, H. -J.
II. Title: Influence ...

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5



Beltz, H. D.
PROTEINS OF EGG YOLK (Proteine des Eidotters)
D. A. Shields, tr. 1963, 14p. NRC Technical Trans. 1155.
Order from NRC ($1.00) NRC-C-3665

Trans. of Zeitschrift für Lebensmittel-Untersuchung und -Forschung (West Germany) 1963, v. 119, no. 5, p. 201-210. (Abstract available)

DESCRIPTORS: Proteins, *Eggs, *Lipoproteins, *Phosphoproteins, Electrophoresis, Chemical analysis.

The most important protein fractions isolated from egg yolk are tabulated along with some of the physical and chemical data. They are divided into three groups: (1) a lipoprotein fraction; (2) a phosphoprotein fraction; (3) a livetin fraction.
(Biological Sciences--Biochemistry, TT, v. 11, no. 10)

I. Beltz, H. D.
II. NRC
III. NRC-C-3665
IV. National Research Council of Canada

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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Belitz, H.-D.
EGG YOLK PROTEINS AND THEIR CLEAVAGE PRODUCTS. PART II. PHOSPHOPEPTIDES FROM PHOSVITIN (Eidotterproteine und Ihre Spaltprodukte. II. Mitteilung. Phosphopeptide aus Phosvitin)
D. L. Sinclair, tr. 1964. 15p 10refs NRC Technical Trans. 1113.
Order from NRC $1.00 NRC C-4802

Trans. of Zeitschrift für Lebensmittel-Untersuchung und - Forschung (West Germany) 1963, v. 119, no. 5, p. 381-389.

See also TT-64-12582

(Biological Sciences--Biochemistry, TT, v. 11, no. 12)

TT-64-22014

I. Belitz, H.-D.
II. Title: Phosphopeptides...
III. NRC-TT-1113
IV. NRC-C-4802
V. National Research Council of Canada, Ottawa

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

A Rapid New Electronic Process for Determining the Freshness of Salt-Water Fish, by Car Hennings.

GERMAN, per, Z fuer Lebensmittel-Untersuchung und Forschung, Vol CXIX, No 6, 1963, pp 461-477.

Bu of Commercial Fisheries

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Mar 64

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Belitz, H. D.
EGG YOLK PROTEINS AND THEIR CLEAVAGE PRODUCTS. REPT. III. PHOSPHOPEPTIDES FROM α AND β VITELLIN (Hidotterproteine und Ihre Spaltprodukte. III. Mitteilung. Phosphopeptide aus α- und β-Vitellin) D. A. Sinclair, tr. 1963, 8p 7refs NRC Technical Trans. 1106.
Order from NRC $0.50 NRC-C-4666

Trans. of Zeitschrift für Lebensmittel-Untersuchung und -Forschung (West Germany) 1963, v. 119, no. 6, p. 492-497. (Abstract available)

DESCRIPTORS: *Eggs, *Proteins, Chemical analysis, *Phosphoproteins, *Peptides, Decomposition.

Alpha and β-vitellin, two proteins from egg yolk that contain phosphorus, were prepared according to Sugano and decomposed with pepsin and trypsin. Phosphopeptides were isolated from the partial hydrolysates by [illegible] (Biological Sciences--Biochemistry, TT, v. 11, no. 10)
(over)

TT-64-12582

I. Belitz, H. D.
II. Title: Phosphopeptides...
III. NRC-TT-1106
IV. NRC-C-4666
V. National Research Council of Canada, Ottawa

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Pekkarinen, L. and Porkka, E.
STUDIES ON THE AGING OF ROASTED COFFEE BY MEANS OF THE DETERMINATION OF VOLATILE REDUCING SUBSTANCES. [Jan 64] 10p
Order from ATS $14.25 ATS-19Q74G

Trans. of Z[eitschrift für] Lebensm[ittel]-Untersuch[ung und] -Forsch[ung] (West Germany) 1963, v. 120, no. 4, p. 277-286.

DESCRIPTORS: *Coffee, Aging (Materials) Vaporation, Reduction (Chemistry), Chemical analysis.

(Food, TT, v. 11, no. 10)

TT-64-12415

I. Pekkarinen, L.
II. Porkka, E.
III. ATS-19Q74G
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Thaler, H. and Gaigl, R.
STUDIES ON COFFEE AND COFFEE SUBSTITUTE. PT. 8. THE BEHAVIOR OF NITROGENOUS COMPOUNDS DURING THE ROASTING OF COFFEE.
[Jan 64] 8p
Order from ATS $10.65 ATS-27Q74G

Trans. of Z[eitschrift für] Lebensm[ittel] -Untersuch[ung und] -Forsch[ung] (West Germany) 1963, v. 120, no. 5, p. 357-363.

DESCRIPTORS: *Coffee, Substitutes, Processing, Nitrogen compounds, Chemical reactions.

(Food, TT, v. 11, no. 10)

TT-64-12394

I. Thaler, H.
II. Gaigl, R.
III. Title: Behavior...
IV. ATS-27Q74G
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Thaler, H. and Gaigl, R.
STUDIES ON COFFEE AND COFFEE SUBSTITUTE. [PT.]9. NITROGENOUS SUBSTANCES IN COFFEE EXTRACTS. [Jan 64] 7p
Order from ATS $11.45 ATS-28Q74G

Trans. of Z[eitschrift für] Lebensm[ittel] -Untersuch[ung und] -Forsch[ung] (West Germany) 1963, v. 120, no. 6, p. 449-454.

DESCRIPTORS: *Coffee, Substitutes, Nitrogen compounds, Chemical reactions, Dehydrated foods.

(See also ATS-27Q74G)

(Food, TT, v. 11, no. 10)

TT-64-12382

I. Thaler, H.
II. Gaigl, R.
III. Title: Nitrogenous...
IV. ATS-28Q74G
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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Hygroscopic Properties of Dried Foods, by G. Nemitz.
GERMAN , per, Z Lebensmittel-Untersuchung Und-
Forschung, Vol 123, No 1, 1963, pp 1-5
GD 96

Sci -
Aug 67

336,537

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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A New Method of Determination and Investigation of Fats in Food, by Erwin Winter. GERMAN, per, Zeit fuer Lebensmittel-Untersuchung und-Forschung, Vol CXXIII, No 3, 1963, pp 205-210.
Fisheries Research Board of Canada, Tech Stations
NRC / Ref. C-4982

Sci - Biol & Med Sci
sept 64

266,481

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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Egg Yolk Proteins and Their Breakdown Products, by H. D. Belitz.
GERMAN, per, Z. Lebensmittel - Untersuchung u. Forschung, Vol 119, Part I: pp 346-350, Part 2: pp 381-389, Part 3: pp 492-496.
NZDIA

Sci -
Jul 67

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Physical and Chemical Characterisation of Cellulose Ethers Employed as Foodstuffs Additives. 2. Methods for De Determining the Identity and Purity of Cellulose Ethers.
by F. Crossmann.
GERMAN. per Zeitschrift F. Lebensmitteluntersuchung Und Forschung, Vol. 125, 1964, pp 413-427
GB 39/Nob 1783

Sci -
Sep 67 339-760

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

The Word Problem for Semigroups with One-sided Cancellation, by P. S. Novikov, S. I. Adjan, 20 p. GERMAN, per, Zeitschraft Logik. Grundlagen Math, Vol IV, 1958, pp 66-88.

Am Math Soc
Vol XLVI, Ser 2

Sci-Math
Jun 66

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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Comments on an Aircraft Accident Report, by W. Guldimann. UNCLASSIFIED

GERMAN, per, Z fuer Luftrecht, 1957, pp 38-44.

TIL Tr 4860

Ethur - Germany
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Jun 58

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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Corona Anemometer for Measuring Turbulence Components, by B. Franzen.
GERMAN, per, Zeitschrift fuer Luftwissenschaften, Vol 9, No 11, 1961, pp 347-351.
NTC-71-12501-14B
NASA TTF 10,694

Nov 71

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Molecular-Weight Determination of Glycogens by Use of Rayleigh s Law, by H. Staudiner, I. Haenel-Immendorfer, 13 pp.

GERMAN, per, z Z Makromol Chem, Vol I, No 7, 9, 1943, pp 185-196.

SLA Tr 2012

Sci - Chem
Jul 57

49, 940

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

A New Process for Measuring Force of Pressure With Ultrasonics, by H. Krechter. UNCLASSIFIED

GERMAN, per, Z Maschinenbau u Fertigung, Vol XXXX XCI, No 5, 1958, pp 246-248.

British Iron and Steel Inst 1022

78.457

Sci - Phys
Dec 58

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

R-9928-D
16 Dec. 1968

Agency: Army/Redstone
MIPR No. 77169100-99-7508

Title: HEAT TRANSFER IN TURBULENT FRICTION LAYERS.
Author: Reichardt, H.
Source: Zeitschrift für angewandte Mathematik und Mechanik, 20, No. 6, 297 - 328 (1940)

Language: German

31 pp

Special Instructions: Please translate.
Edited draft only.

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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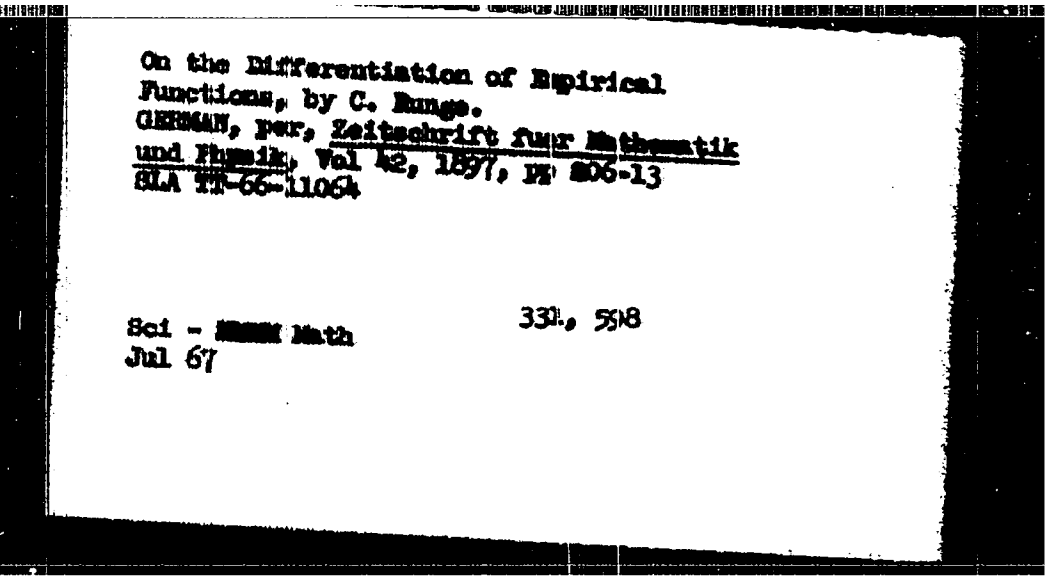

On the Differentiation of Empirical Functions, by C. Runge.
GERMAN, per, Zeitschrift fuer Mathematik und Physik, Vol 42, 1897, pp 305-13
SLA TT-66-11064

Sci - Math
Jul 67

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Formulas for Transforming Spherical Functions
when the Coordinate System Changes Linearly,
by A. Schmidt.
Schmidt, Per, Z fur Mathematische Physik,
Vol XLIV, 1899, pp 39-42.
Dept of Navy Tr 4352/NPL No T-151b

Sci - En
Dec 65

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Formulas for transforming Spherical Functions when the Coordinate System Changes Linearly, by Ad. Schmidt.
GERMAN, per. Z fuer Mathematische Physik, Vol XLIV, 1899, pp 327-338.
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Sci - Math
Dec 65

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Laminar Flow in Channels of Variable Widths, by H. Blasius.
GERMAN, per. Zeitschrift fur Matematik u. Physik. Vol 58, No 3, 1910, pp 225-233. P911005266
AEC NTL-tr-314

Sci/Math-Physics
Aug 66

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Forced Oscillations of Prismatic Bars, by Steph. Timoschenko, GOVERNMENT USE ONLY GERMAN, per, Zeitschrift fur Mathematik und Physik, Vol LIX, No 2, 1911, pp 163-203.
RSIC-654

Sci-Math
Jun 67

329,027

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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Recursive World Functions, by G. Asser.
GERMAN, per, Zeitschrift fuer Mathematische Logik und Grundlagen der Mathematic, Vol6, 1960, pp. 258-78
NTC 69-10617-12A

Sci-Math
July 69

386,820
386,820

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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Corrosion Processes in Copper-Containing Steels,
by C. Carius.
GERMAN, per. Z Metallk, Vol 22, Oct 1930, pp 337-341.
BISI 6480

Sci-Mat
Sep 68

365,634

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Age-hardening of Aluminum-silver Alloys. IX. X-Ray Investigations of Strain Hardening, by Volkmar Gerold,
GERMAN, per, Zeit fur Metallkie, Vol 46, No 9, pp 623-631, 1955 9230204
AEC ORNL-Tr-635

Sci-MRM
Nov 63 291,615

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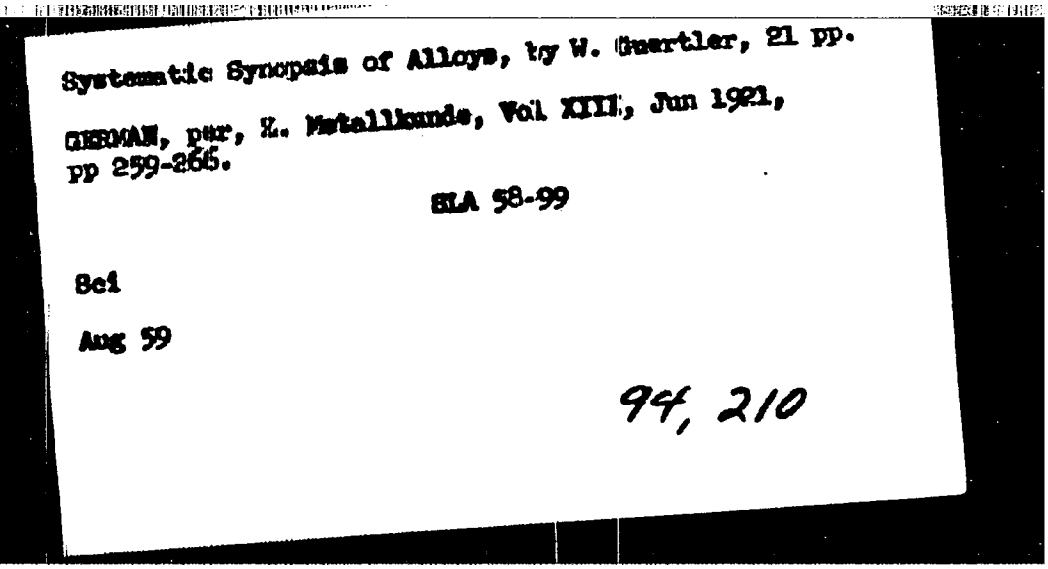

Systematic Synopsis of Alloys, by W. Guertler, 21 pp.

GERMAN, pub, Z. Metallkunde, Vol XIII, Jun 1921, pp 259-265.

SLA 58-99

Sci

Aug 59

94, 210

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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Silumin, a New Alloy, by J. Czochralskiy, 6 pp.

GERMAN, per, Z. Metallkunde, Vol XIII, Nov 1921, pp 507-510.

SLA Tr 57-2242

Sci

Jul 58

6 E. 204

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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Bornemann, K. and Sauerwald, F.
DENSITY MEASUREMENTS OF METALS AND ALLOYS AT HIGH TEMPERATURES WITH SPECIAL ATTENTION TO THE LIQUID STATE (MEASUREMENTS BY UPTHRUST METHOD: SYSTEMS Cu-Sn AND Cu-Al). [1962] [25]p. 46 refs.
Order from SLA $2.60 62-14494

Trans. of Z[eitschrift für] Metallkunde (Germany) 1922, v. 14, p. 145-159.

DESCRIPTORS: Metals, Alloys, Density, Temperature, Liquid metals, Copper, Tin, Aluminum.

(Unannounced)

62-14494

1. Title: Upthrust method
1. Bornemann, K.
II. Sauerwald, F.
III. Title: Measurements ...

Office of Technical Services

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Bornemann, K. and Siebe, Paul.
DENSITY ANALYSIS OF METALS AND ALLOYS AT HIGH TEMPERATURES WITH PARTICULAR REFERENCE TO THE MOLTEN STATE. III. ANALYSIS USING THE DILATOMETER PROCESS: TIN-BISMUTH SYSTEM. [1962] 10p. (figs. tables omitted).
Order from SLA $1.10 62-18272

[Free] trans. of Z[eitschrift] für Metallkunde (Germany) 1922, v. 14, p. 329-334.

DESCRIPTORS: *Tin, *Bismuth, Density, *Dilatometers, *Metals, *Alloys, Liquid metals.

See also 62-14494

(Metallurgy--Nonferrous Metals, TT, v. 9, no. 4)

62-18272

I. Bornemann, K.
II. Siebe, P.
III. Title: Analysis ...
IV. Title: Tin-bismuth ...

Office of Technical Services

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Binary Lead Alloys, by J. Goebel, 84 pp.

GERMAN, per, Z. Metallkunde, Vol XIV, 1922, pp 357-388, 425-449.

BLA 57-3217

Sci

Aug 58

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

The Diffusion of Metals in the Solid State
by W. Geiss,
GERMAN, per, Z. Metallkde, 16, 1924,
pp. 317.
*NBS TT 70-57290

Sci/mater
Jul 70

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Resistance to Chemical Attack of [illegible]
of Metals and Alloys, Particularly those
Containing Molybdenum, by W. Guertler and
T. Liepus.

GERMAN, per. Z. fuer Metallkunde, Vol XVII,
1925, pp 310-315.

IMSCIC-T1549

Sci

Aug 58

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

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The Chemistry of Metallic Systems, by A. Westgreen.
GERMAN, per, Z. Metallkde., Vol 18, 1926, pp 279-284.
*NTIS/USDC/NBS TT 71-55077
Available NBS Only

May 71

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

The Process of Recrystallization of Silver, Copper and Aluminum, by R. Glocker and H. Widmann, 12 pp.

GERMAN, per, Z. Metallkunde, Vol XIX, No 2, Feb 1927,

SLA 57-3222

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Binary Lead Lithium Alloys With Up To 2.2% Li, by
J. Czochralski, E. Rassow, 7 pp.

GERMAN, per, Z. Metallkunde, Vol XIX, 1927, pp 111-112.

AEC Tr 2696

SLA 57-2173 42,213

Sci - Min/Metals
Jan 57 CTS

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

An Ultraviolet Metal Microscope, by H. Alterthum, 4 pp.

GERMAN, per, Z Metallkunde, Vol XIX, No 6, Jun 1927, xxxx p 255.

SLA 57-2190

May 58

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

The Surface Modification of Metals by Diffusion,
by G. Grube.
GERMAN, per, Z Metallkde, No 19, 1927, pp 438-447.
NBS TT 70-57421

Sci-Mat
Aug 70

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

The Intercrystalline Brittleness of Lead, by O. Haehnel, 10 pp.

GERMAN, per, Z. Metallkunde, Vol XIX, 1927, p 492.

SLA 58-656

Sci

Aug 59

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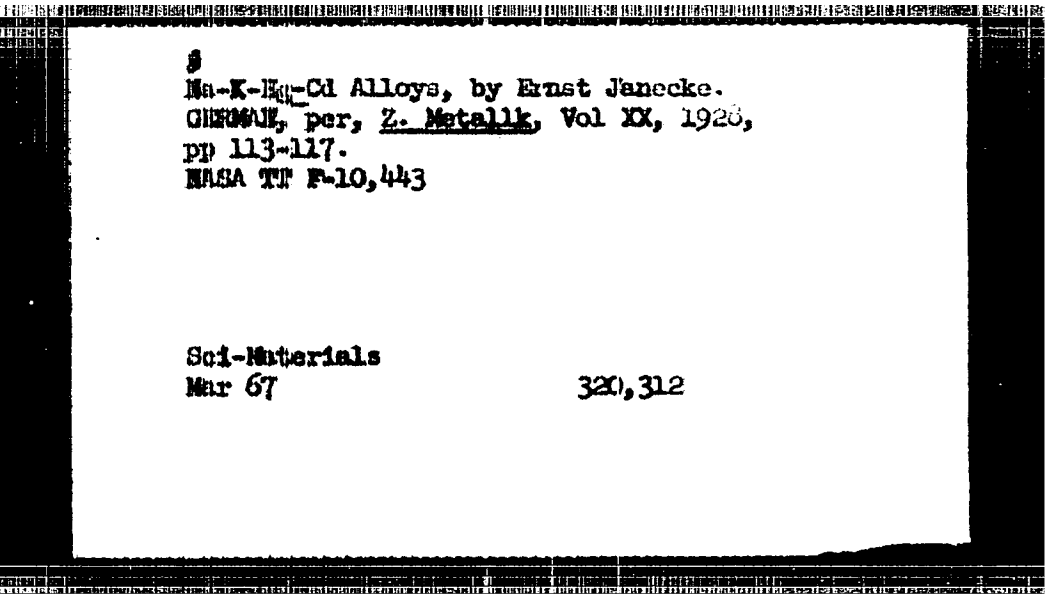

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Na-K-Hg-Cd Alloys, by Ernst Janecke.
GERMAN, per, Z. Metallk, Vol XX, 1928,
pp 113-117.
NASA TT F-10,443

Sci-Materials
Mar 67 320,312

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Recent Investigations of Al Alloys that Can Be Improved, by W. Fraenkel and L. Marx, 16 pp.

GERMAN, per, Z. Metallkunde, Vol XXI, No 1, Jan 1929, pp 2-6.

SLA 57-2449

Sci

Aug 58

69.869

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Study of Gases in Metals, by F. Korber.
GERMAN, per, Z. Metallkde., Vol 21, 1929,
pp 45-46.
*NTIS/USDC/NBS TT 71-55057
Available NBS Only

May 71

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Determination of Gases in Metals, by W. Heraenbruch, 19 pp.

GERMAN, Der. Z. Metallkunde, Vol XXI, 1929, pp 46-55,

AEC-tr-1807

Scientific - Min/Metals

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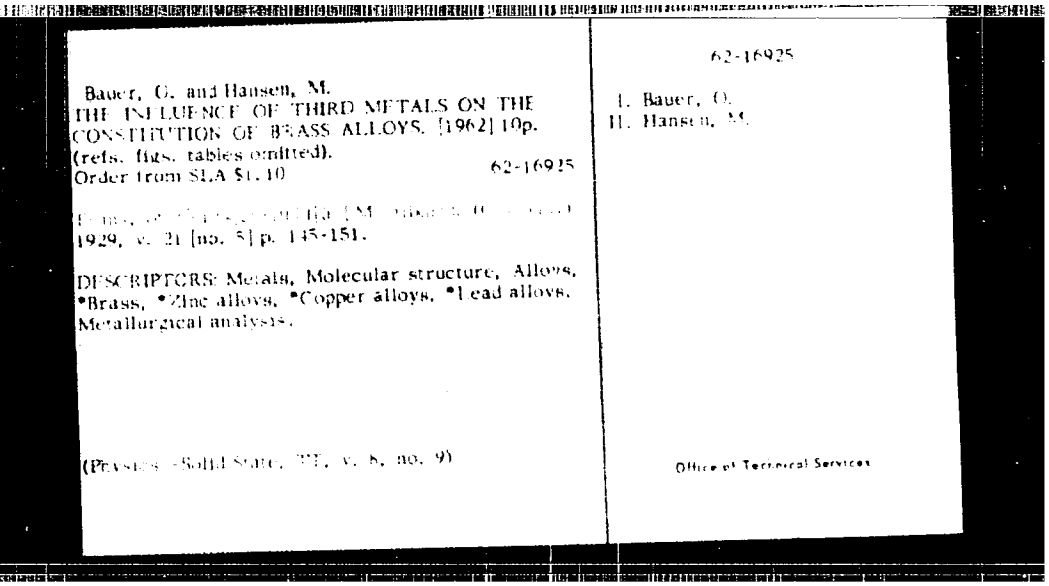

Bauer, O. and Hansen, M.
THE INFLUENCE OF THIRD METALS ON THE CONSTITUTION OF BRASS ALLOYS. [1962] 10p.
(refs. figs. tables omitted).
Order from SLA $1.10 62-16925

[illegible] 1929, v. 21 [no. 5] p. 145-151.

DESCRIPTORS: Metals, Molecular structure, Alloys, *Brass, *Zinc alloys, *Copper alloys, *Lead alloys, Metallurgical analysis.

(Physics - Solid State, TT, v. 5, no. 9)

62-16925

I. Bauer, O.
II. Hansen, M.

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Bauer, O. and Hansen, M.
THE INFLUENCE OF THIRD METALS ON THE CONSTRUCTION OF BRASS ALLOYS. [1962] 7p. (refs. figs. tables omitted).
Order from SLA $1.10 62-16926

Trans. of Z[eit]s[chrift] f[ür] Metallkunde (Germany) 1929 [v. 21, no. 5] p. 190-196.

DESCRIPTORS: Metals, Molecular structure, Alloys, *Brass, *Copper alloys, *Lead alloys, *Zinc alloys, Chemical equilibrium, Annealing.

(Physics--Solid State, TT v. 8, no. 9)

62-16926

I. Bauer, O.
II. Hansen, M.

Office of Technical Services

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250029-5

Preparation of Aluminium Alloys for Microscopic Examination, by H. Choulant, 9 pp.

GERMAN, per, Z. Metallkunde, Vol XXI, No 6, Jun 1929, pp 197-199.

SLA Tr 57-2185

Sci

Jul 58

68,021

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